| 1. | 2 | | _ | _ | £ | ^ | 10 | im | _ |
|------|------|---|---|---|---|---|----|---|----|
| - 11 | nie. | - | | r | | | - | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ٠, |



Application No.

10/808,609

Art Unit

Applicant(s)

MELCHIOR, JEAN FREDERIC

Examiner

Thai-Ba Trieu

3748

Rejected Allowed

(Through numeral)
Cancelled Restricted

Non-Elected ı Interference

Appeal Α 0 Objected

| | | | | | | | j . | | L | l | - | |
|--|---|---------|----------|----------|----------|---------------|----------|--|--|----------|---|--|
| Claim | | Date | | | | | | | | | | |
| Cla | <u> </u> | | | | Jate | e | | | | 1 | | |
| Final | Original | 4/25/05 | 11/4/05 | 2/24/06 | 10/4/06 | 3/1/07 | 8/7/07 | | | | | |
| | 4 | 1 | 1 | - | - | - | - | | | | 1 | |
| | 2 | 1 | 1 | - | - | - | - | | \vdash | | 1 | |
| | 2 | | 1 | Ŀ | - | - | - | | | | 1 | |
| | A | 1 | 7 | - | - | - | - | | | | 1 | |
| | 5 | V | 1 | | = | 1 | - | | П | | 1 | |
| 1 | (6) | 777 | 7 | 1 | = | 1 | = | | | | 1 | |
| 2 | 4 5 (6) (7) (8) | | 1 | 1 | = | = | = | | | | 1 | |
| 6 | (8) | 1 | 777 | 1 | = | 0 | = | | | | 1 | |
| 6 | (8) | 1 | 1 | 1 | = | 0 | = | | | | 1 | |
| | 10 | 1 | | - | - | - | - | | | П |] | |
| 8 | (M) | 1 | 1 | 1 | = | 0 | = | Г | <u> </u> | Π |] | |
| 9 | (12) | ٧ | 7 7 7 | 1 | = | - | = | | | |] | |
| 10 | 13 | 1 | | 1 | = | 11 | = | | | |] | |
| 12 16 | 12) 13 14 15 16 17 18 19 | 1 | 7 | 1 | = | = | = | L | | 1 | 1 | |
| 16 | 15 | ٧ | | | = | = | Ξ | | | <u> </u> | 1 | |
| 24 | 16 | ٧ | 1 | 1 | = | = | = | | | | | |
| 25 17 | 17 | V | 1 | 1 | = | = | = | _ | 乚 | _ | | |
| 17 | 18 | 1 | V | 1 | = | = | = | | | | | |
| 18 21 22 | 19 | 1 | 1 | 1 | = | = | = | | | | 1 | |
| 21 | 20 | 7 | 7 | 1 | = | = | = | | | | 1 | |
| 22 | 20 21 22 | | | ٧ | = | = | Ξ | | | | 1 | |
| 11 | 22 | ٧ | ٧ | 1 | = | = | = | | _ | | 1 | |
| 13 | 23 24 28 | 7 | 7 | 1 | = | = | = | | L | | 1 | |
| 14 | 24 | | 1 | | = | = | Ξ | | | | 1 | |
| | 28 | V | 7 | 7 | <u> </u> | | <u> </u> | | <u> </u> | | 1 | |
| | 26 27 | 1 | * | ! | Ŀ | - | Ŀ | <u> </u> | | | | |
| - | 24 | 1 | V | 1 | _ | _ | <u> </u> | | _ | | l | |
| <u> </u> | 28 29 30 | 1 | 7 | 1 | - | - | <u> </u> | _ | | | ł | |
| <u> </u> | 20 | 7 | 7 | 1 | = | 0 | <u> </u> | <u> </u> | _ | | ł | |
| 3 | 30 | | | | = | = | = | | | _ | ł | |
| 3 | 31 | 1 | 77 | 7 | = | 0 | = | <u> </u> | \vdash | - | ł | |
| 5 7 26 | 31 32 33 | | | | | 0 | = | | | | ł | |
| 20 | 34 | 7 | 77 | 77 | F | <u> </u> | Ţ | | - | \vdash | ł | |
| 20 19 | 34 35 | 7 | 7 | 1 | Ē | - | F | | | \vdash | ł | |
| 15 | 36 | 7 | 7 | Ť | ╘ | - | - | ┢─ | \vdash | \vdash | ł | |
| | 27 | 7 | 7 | 7 | - | $\overline{}$ | Ē | | \vdash | \vdash | | |
| | 38 | 7 | | | - | | Ė | | | | ĺ | |
| | 39 | Ť | 7 | 77 | 1 | - | Ī | | \vdash | - | 1 | |
| | 40 | 7 | 1 | 7 | 7 | - | - | | | | l | |
| | 41 | 7 | Ì | Ì | 7 | - | - | | | \vdash | ١ | |
| | 42 | Ì | V | Ť | Ì | - | - | М | | \vdash | ١ | |
| | 43 | 7 | Ì | Ì | - | - | - | | Т | | ĺ | |
| | 44 | 7 | √. | 7 | - | - | - | | | | ĺ | |
| | 45 | 1 | 1 | 1 | - | - | - | | | | ١ | |
| | 46 | 1 | 7 | 7 | - | - | | | | | | |
| | 47 | 1 | 1 | 7 | - | - | ŀ | | | |] | |
| | 48 | 1 | 7 | 1 | - | - | | | | | | |
| | 49 | 7 | 7 | 1 | \Box | | _ | | | | | |
| | 50 | V | 1 | 1 | Ŀ | - | Ē | | | | | |

| Cla | aim | Date | | | | | | | | | |
|----------|--|------|----------|-------------|---------|----------|----------|----------|----------|-----------|--|
| | _ | | | | | | | | | | |
| Final | Original | | 11/4/05 | 2/24/06 | 10/4/06 | 3/1/07 | 8/7/07 | | | | |
| | 54 | | 1 | - | - | - | - | | | | |
| 23 | 52 | | | 1 | 7 | = | = | | \vdash | | |
| <u> </u> | 53 | | | 1 | 1 | - | - | | \vdash | | |
| | 54 | | | - 7 7 | 1 | - | - | | | | |
| | 5 6 | | | 7 | | - | - | | | | |
| | 56 | | | | - V | - | - | | | | |
| | 57 | | | | 1 | - | - | | | | |
| | 58 | | | | V | - | - | | | | |
| | 59 | | | | 7 | - | - | | Г | Г | |
| | 60 | | | | 1 | - | - | | | | |
| | 64 | | | | 1 | - | • | | | | |
| | 62 | | | | 1 | - | • | | | | |
| | 63 | | | | | | | | | | |
| | 57 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 | | | | | | | | | | |
| | 65 | | | | | | | | | | |
| | 66 | | | | | | | | | | |
| | 67 | | | | | | | | | | |
| | 68 | | | | | | | | | | |
| | 69 | | | | | | | | | | |
| | 70 | | | | | | | | | | |
| | 71 | | | | | | | | | | |
| | 72 | | | | | | | | | | |
| | 73 | | | | | | | | | | |
| | 74 | | | | | | | | | | |
| | 75 | | | | | | | | | | |
| | ·76 | | | | | | | | | | |
| | 77 | | | | | | | | | _ | |
| | 78 | | | | | | | _ | | _ | |
| | 79 | | | | | | | | | | |
| | 80 | | | | | | | | | | |
| | 81 | | | | | <u> </u> | | _ | | | |
| | 82 83 | | Ш | | | | | | | L | |
| \vdash | 83 | | | | | L | Ь., | <u> </u> | Ш | <u> </u> | |
| <u> </u> | 84 | | | | | ļ.,, | | | \vdash | <u> </u> | |
| | 85 | | | | | | | | <u> </u> | | |
| - | 86 | | | | | | | _ | | <u></u> | |
| | 87 | | - | | | | <u> </u> | | - | _ | |
| \vdash | 88 89 | | | | | | <u> </u> | | | _ | |
| <u> </u> | 89 | | _ | | | | <u> </u> | | | <u> </u> | |
| | 90 | | | | | | <u> </u> | | | _ | |
| | 91 92 | | | | | | _ | <u> </u> | - | | |
| | 93 | | - | \vdash | | | \vdash | | | - | |
| \vdash | 93 | | | | | | \vdash | | | - | |
| \vdash | 95 | | | H | | - | | | | ├- | |
| | 96 | | | | | | | | - | - | |
| | 97 | | - | | | | | _ | H | - | |
| | 98 | | \vdash | \dashv | | | | | | \vdash | |
| — | 99 | | | | | | | - | | \vdash | |
| | 100 | | | \vdash | | | | _ | | - | |
| \Box | 100 | Щ. | ш. | Щ. | | L | L | | | Ц. | |

| | i | | | | | | | | J | | | |
|-------|---|--|----------|----------|----------|----------------|--|----------|----------|----------------|--|--|
| Claim | | Date | | | | | | | | | | |
| | | | Γ | Π | r | <u> </u> | Ī | | Γ | 一 | | |
| Final | Original | | | | | | | | | | | |
| | 101 | | | | | \vdash | | | | Н | | |
| | 102 103 104 | | - | | | | ┢ | | | Н | | |
| | 103 | | | | | | | | | | | |
| | 104 | | | | | | | | | | | |
| | 105 | _ | | _ | | | <u> </u> | | | Ш | | |
| | 106 | | _ | _ | <u> </u> | | <u> </u> | L | _ | Ш | | |
| | 107 | _ | <u> </u> | ┡ | _ | | <u> </u> | _ | _ | | | |
| | 108 109 110 | | | - | | - | - | - | | \vdash | | |
| | 110 | | _ | ├ | ┝ | - | ⊢ | <u> </u> | ├ | $\vdash\vdash$ | | |
| | 111 | | - | - | - | | - | - | | Н | | |
| | 112 | \vdash | | \vdash | \vdash | | | ┝ | - | Н | | |
| | 113 | _ | _ | - | <u> </u> | _ | <u> </u> | | | H | | |
| | 114 | | \vdash | | - | | | | _ | H | | |
| | 111 112 113 114 115 116 117 | | | | | | | | | | | |
| | 116 | | | | | | | | | | | |
| | 117 | | | | | | | | | | | |
| | 118 | | | | | | | | | | | |
| | 118 119 120 121 | | | | _ | | | | | Ш | | |
| | 120 | | | | | | L_ | L | | | | |
| | 121 | _ | | <u> </u> | <u> </u> | _ | | _ | | \Box | | |
| | 122 | <u> </u> | | <u> </u> | _ | L | _ | H | <u> </u> | | | |
| | 122 123 124 | - | | - | <u> </u> | - | - | _ | <u> </u> | \dashv | | |
| | 125 | - | | - | | <u> </u> | - | \vdash | <u> </u> | \dashv | | |
| | 123 | \vdash | | \vdash | \vdash | \vdash | \vdash | H | _ | \dashv | | |
| | 125 126 127 | <u> </u> | | <u> </u> | - | | - | - | | Н | | |
| | 128 | | | | | | | | | T | | |
| | 129 | | _ | | \vdash | | \vdash | _ | | | | |
| | 128 129 130 131 132 | | | | | | | | | | | |
| | 131 | | | | | | | | | | | |
| | 132 | | | | | | | _ | | Щ | | |
| | 133 | | | | | | _ | _ | | | | |
| | 134 | _ | | _ | _ | _ | _ | <u> </u> | | Ш | | |
| | 135 | - | | | - | _ | _ | <u> </u> | | | | |
| | 136 137 138 | \vdash | | | | | | | | \vdash | | |
| | 138 | | | - | | | | H | — | _ | | |
| | 139 | ┝ | | - | | | | | | _ | | |
| | 140 | \vdash | | | | | | | _ | | | |
| | 141 | | | | | | _ | | | | | |
| | 142 | | | | | | | | | | | |
| | 143 | | | | | | | | | | | |
| | 144 | | | | | | | | | | | |
| | 145 | | | | | | | | | | | |
| | 146 | <u> </u> | | L | | Щ | | | | Щ | | |
| | 147 | | | L | | Ш | | | | \sqcup | | |
| | 148 | | | | <u> </u> | - | <u> </u> | Ш | | Н | | |
| | 149 150 | - | | - | - | $\vdash\vdash$ | \vdash | | - | Н | | |
| L | 130 | نـــا | | لـــــا | | Ш | Щ. | | | ш | | |